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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT : Michael Berthon-Jones et al.  
SERIAL NO. : 09/661,998  
FILING DATE : September 14, 2000  
GROUP ART UNIT : 3761  
EXAMINER : Joseph Weiss  
TITLE : PATIENT VENTILATOR SYNCHRONIZATION  
USING DUAL PHASE SENSORS

**RECEIVED**

**OCT 02 2003**

**TECHNOLOGY CENTER R3700**

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Assistant Commissioner for Patents  
United States Patent and Trademark Office  
Washington, DC 20231

Sir:

This document is filed in response to the Office Action dated March 17, 2003. Applicant respectfully requests reconsideration of the application in light of the amendments and remarks contained herein.

**In the claims:**

Amendments to the claims are shown in the Claims section beginning at page 2 of this amendment.

**Remarks:**

A Remarks section appears on page 12 of this amendment.